

Valeriu Scutelnic

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

298
citations

933264

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h-index

1281743

11
g-index

15
all docs

15
docs citations

15
times ranked

439
citing authors

#	ARTICLE	IF	CITATIONS
1	The Structure of the Protonated Serine Octamer. <i>Journal of the American Chemical Society</i> , 2018, 140, 7554-7560.	6.6	67
2	Separation and Identification of Glycan Anomers Using Ultrahigh-Resolution Ion-Mobility Spectrometry and Cryogenic Ion Spectroscopy. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2204-2211.	1.2	56
3	Interplay of Open-Shell Spin-Coupling and Jahn-Teller Distortion in Benzene Radical Cation Probed by X-ray Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2020, 124, 9532-9541.	1.1	31
4	X-ray transient absorption reveals the $1\text{Au}(\pi^*)$ state of pyrazine in electronic relaxation. <i>Nature Communications</i> , 2021, 12, 5003.	5.8	29
5	Synthesis and Photophysical Characterization of Cyclometalated Ruthenium Complexes with N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2017, 36, 2397-2403.	1.1	24
6	Table-Top X-ray Spectroscopy of Benzene Radical Cation. <i>Journal of Physical Chemistry A</i> , 2020, 124, 9524-9531.	1.1	24
7	Cryogenic Ion Spectroscopy for Identification of Monosaccharide Anomers. <i>Journal of Physical Chemistry A</i> , 2019, 123, 2815-2819.	1.1	21
8	Coherent electronic-vibrational dynamics in deuterium bromide probed via attosecond transient-absorption spectroscopy. <i>Physical Review A</i> , 2020, 101, .	1.0	20
9	Can Mutational Analysis Be Used To Assist Structure Determination of Peptides?. <i>Journal of the American Chemical Society</i> , 2018, 140, 2401-2404.	6.6	11
10	Infrared Spectroscopy as a Probe of Electronic Energy Transfer. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3217-3223.	2.1	10
11	Structural Insights from Tandem Mass Spectrometry, Ion Mobility-Mass Spectrometry, and Infrared/Ultraviolet Spectroscopy on Sphingonodin I: Lasso vs Branched-Cyclic Topoisomers. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1096-1104.	1.2	4
12	Elucidation of Molecular Dynamics by Extreme Ultraviolet and Soft X-ray Transient-Absorption Spectroscopy. <i>ACS Symposium Series</i> , 0, , 1-14.	0.5	0